

TREE PROTECTION RECOMMENDATIONS:

- Install hoarding for subsequent municipal review/approval.
- Hoarding may be moved temporarily to provide access for tree removal only. These trees should be felled away from protected areas to avoid pulling and breaking of roots of trees to remain.
- Pruning, if required, should be done prior to construction and in accordance with current arboricultural practices.
- Storage of any materials, fill, vehicle/equipment, and disposal of liquids is not permitted within 1m of protected areas.
- Excavation in close proximity to protected areas are to be undertaken with a certified arborist present.
- Roots encountered due to excavation are to be cut with a clean sharp blade. Tearing and ripping of roots is not permitted.
- Hydrovac is recommended as the preferred method for excavation. Within 1m of protected areas.
- Exposed roots are to be covered immediately with mulch or topsoil and watered thoroughly. A light coloured tarpaulin may also be used to prevent root desiccation.
- Deep root fertilize (3:1:1) following backfilling.
- Trees should be re-assessed periodically in order to maintain an up to date understanding of health and structure.

TREE INVENTORY

Tree No.	Species	d.b.h. (cm)	Measure to D.b.h. diameter (m)	Biological Health	Structural Condition	Recommended Action	Comments	Municipal Property	Subject Property or Neighbouring Property owned by respondent (Boundary 5m to 10m)	Location
1	Pinus nigra	44	8	ML	M	RC	2L DB (med), 2L slumped branches, diplopia			X
2	Pinus nigra	32	8	L	ML	RC	DB (high), UB (S), low vigor, sparse canopy			X
3	Picea pungens	45	6	M	M	RC	15'LS, leaking sap			X
4	Pinus sylvestris	38	8	M	M	RC	DB (med), MB, KB			X
5	Fraxinus pennsylvanica	22	6	L	L	R	EAB			X
6	Fraxinus pennsylvanica	27	6	L	L	R	EAB			X
7	Picea glauca	31	8	M	M	RC	PL, DB (small), TB, chlorotic			X
8	Ulmus pumila	54	12	ML	ML	R	Dutch Elm Disease, 2L, TB requires emergency pruning			X
9	Malus spp.	26	7	ML	ML	RC	50% TD (tot, large wound), MB			X
10	Ulmus laevis	23	7	ML	ML	R	Dutch Elm Disease, TB, DB (med)			X
11	Ulmus laevis	23	7	ML	ML	R	Dutch Elm Disease, TB, DB (med)			X
12	Fraxinus pennsylvanica	35	7	L	L	R	EAB			X
13	Pinus nigra	44	8	MH	M	RC	20'LSL, DB (small)			X
14	Fraxinus pennsylvanica	18	6	L	L	R	EAB			X
15	Picea glauca	12,15	5	H	MH	RC	2L, 15'LS, WS, WB			X
16	Fraxinus pennsylvanica	16,15	7	L	L	R	EAB			X
17	Fraxinus pennsylvanica	13,8	5	L	L	R	EAB			X
18	Juniperus virginiana	15	3	M	M	RC	dead tips			X
19	Thuja occidentalis	11,15,16	5	M	M	RC	3L, 5'LS			X
20	Ulmus laevis	54	13	ML	M	R	Dutch Elm Disease, MB, DB (small), TB			X
21	Morus alba 'Pendula'	22	3	M	ML	R	TD 50% (large & small wounds)			X
22	Morus alba (reverted)	36	6	M	ML	RC	MB			X
23	Malus spp.	39,42	8	M	M	RC	2L, MB, WS, 50% TD (not), large wound			X
24	Malus spp.	16	4	M	M	RC	MB, 15'LS			X
25	Acer ginnala	17	6	M	ML	R**	MB			X
26	Elaeagnus angustifolia	8,11	6	M	ML	R**	2L, PL, WS, WB			X
27	Elaeagnus angustifolia	18	6	M	ML	R**	MB, PL, WS			X
28	Elaeagnus angustifolia	16	6	M	ML	R**	MB, PL, WS, WB			X
29	Elaeagnus angustifolia	13	6	M	L	R**	MB, PL, WS, 45'LS			X
30	Elaeagnus angustifolia	13,5	5	M	M	R**	PL, WS			X
31	Elaeagnus angustifolia	18	7	ML	L	R**	2L, TB, WS, WB, TD 25%			X
32	Elaeagnus angustifolia	16	6	ML	ML	R**	PL, WS, UBS			X
33	Elaeagnus angustifolia	16	5	M	ML	R**	PL, WS			X
34	Acer ginnala	15	6	M	M	R**	PL, WS			X
35	Elaeagnus angustifolia	10	3	ML	R**	R**	PL, WS			X
36	Elaeagnus angustifolia	20	7	M	ML	R**	WS, UBS			X
37	Elaeagnus angustifolia	12	6	ML	L	R**	WS, 60'LS			X
38	Elaeagnus angustifolia	20	7	M	ML	R**	WS, WB, UBS			X
39	Elaeagnus angustifolia	14	6	M	ML	R**	WS, WB, UBS			X
40	Elaeagnus angustifolia	14	5	M	ML	R**	WS, WB, UBS			X
41	Elaeagnus angustifolia	16	6	M	ML	R**	WS, WB, UBS			X
42	Elaeagnus angustifolia	15,19	7	M	ML	R**	2L, WS, 15'LS			X
43	Fraxinus pennsylvanica	16	4	L	R**	R**	EAB			X
44	Ulmus laevis	15,18&24	12	ML	M	R	Dutch Elm Disease, 4L, 20'LS			X
45	Ulmus laevis	17,20,29,33	13	ML	M	R	Dutch Elm Disease, 4L, IB			X
46	Ulmus laevis	17	6	ML	M	R	Dutch Elm Disease, 20'LNW			X
47	Ulmus laevis	15	6	ML	M	R	Dutch Elm Disease, MB			X
48	Ulmus laevis	16	6	ML	M	R	Dutch Elm Disease, 2L, MB			X
49	Acer platanoides	16	5	ML	M	R**	Dutch Elm Disease, MB			X
50	Ulmus laevis	21	4	M	M	R	Dutch Elm Disease			X
51	Acer platanoides	20	6	MH	MH	R**	Dutch Elm Disease			X
52	Ulmus laevis	13,13	6	M	ML	R	Dutch Elm Disease			X
53	Acer platanoides	17	6	M	M	R**	fruit crack			X
54	Ulmus laevis	14	5	ML	M	R	Dutch Elm Disease			X
55	Acer platanoides	21	6	MH	MH	R**				X
56	Acer platanoides	19	6	MH	MH	R**				X
57	Ulmus laevis	14,5	4	M	M	R	Dutch Elm Disease			X
58	Ulmus laevis	20	6	M	M	R	Dutch Elm Disease			X
59	Acer platanoides	27	8	MH	M	R**	MB			X
60	Ulmus laevis	20	6	ML	M	P	Dutch Elm Disease, MB			X
61	Populus tremuloides	23	5	H	H	RC				X
62	Pinus sylvestris	16	6	M	M	RC	TB, sup			X
63	Thuja occidentalis	18	3	M	H	RC	DB (small)			X
64	Thuja occidentalis	14,16,21,22	4	H	M	RC	4L			X
65	Thuja occidentalis	14,16,21	4	H	M	RC	3L			X
66	Thuja occidentalis	9,13&33,16,19	4	H	M	RC	4L			X
67	Thuja occidentalis	20,21,21	4	H	M	RC	3L, DB (small)			X
68	Pinus nigra	41	8	M	H	RC	DB (small), dead tips			X
69	Picea pungens	32	6	M	M	RC	DB (small), UC (S)			X
70	Picea pungens	32	6	M	M	RC	DB (small)			X
71	Picea pungens	39	6	M	H	RC	DB (small)			X
72	Pinus sylvestris	30	6	L	L	R	Dead			X
73	Pinus sylvestris	28	6	L	L	R	Dead			X
74	Pinus sylvestris	28	6	L	L	R	Dead			X
75	Pinus sylvestris	22	4	L	L	R	Dead			X
76	Ulmus americana	15	8	ML	ML	R	Dutch Elm Disease, 15'W			X
77	Pinus sylvestris	27	6	M	M	RC	DB (small)			X
78	Pinus sylvestris	26	4	M	M	RC	DB (small)			X
79	Pinus sylvestris	28	6	M	M	RC	DB (small)			X
80	Pinus sylvestris	32	6	M	M	RC	DB (small)			X
81	Pinus sylvestris	40	6	M	M	RC	DB (small)			X
82	Pinus sylvestris	21	4	ML	M	RC	DB (med), sparse canopy			X
83	Pinus sylvestris	24	4	M	M	RC	DB (med)			X
84	Pinus sylvestris	38	6	M	M	RC	DB (med), sparse canopy			X
85	Pinus sylvestris	32	6	L	L	R	Dead			X
86	Pinus sylvestris	28	6	L	L	R	Dead			X
87	Juglans nigra	16	6	M	M	RC	2L, WS			X
88	Juglans nigra	30	10	H	H	RC	2L, WS			X
89	Ulmus laevis	12,18,28	6	L	L	R	Dutch Elm Disease, 90%TD			X
90	Juglans nigra	15	5	M	M	RC				X

TREE INVENTORY LEGEND

Biological Health
H (High) - No apparent diseases or symptoms, moderate to high vigor.
M (Medium) - Minor diseases and/or symptoms, moderate vigor.
L (Low) - Major disease and/or symptoms, poor vigor.

Structural Condition
H (High) - No defects, well-developed crown.
M (Medium) - Minor structural defects.
L (Low) - Major structural defects.

Recommended Action
P - Preserve
R - Remove for Poor Condition
RC - Remove for Construction
R** - Remove with Town's Approval

Comments
BF Backfilled
CS Compacted soil
DB Dead branches
EAB Emerald Ash Borer
G Girdling
HA Hazard
IB Included bark
LS Lean showing direction
2L 2 leaders or codominant stems
MB Multibranched node
MS/ML Multistem

Trees #63, 137, and 198 were skipped during the tagging process.
Trees #241-270 are not relevant to the proposed development work.

Trees less than 15cmØ caliper, and large shrubs exist on site. These non-regulated trees should be considered when reading this plan. For any work that may be done it is the contractors responsibility to determine the extent of possible removals by field review prior to submission of quotations for removals work.

Juglans nigra	12,12,15	5	H	M	RC	18			X
Populus canadensis	22	3	M	M	-				X
Juglans nigra	13,20	5	MH	ML	-	2L grafting			X
Ulmus americana	15	3	M	M	-				X
Ulmus americana	19	6	M	M	-				X
Ulmus americana	12,17	6	M	M	-	IB			X
Ulmus americana	9,10,11,15	5	ML	M	R	Dutch Elm Disease, ML			X
Pinus sylvestris	20	4	M	M	P	ML, V, IB			X
Picea pungens	42	8	MH	MH	P				X
Acer negundo	19	7	M	ML	P	UBS, V			X
Ulmus americana	26,28	6	M	M	P	Dutch Elm Disease, ML, IB			X
Juglans nigra	18&24,15,17	7	M	ML	P	ML, V, IB			X
Ulmus americana	15	3	M	M	P	Dutch Elm Disease			X
Ulmus americana	19	4	ML	M	P	Dutch Elm Disease			X
Ulmus americana	11,13	4	ML	M	P	Dutch Elm Disease			X
Ulmus americana	18	3	ML	M	P	Dutch Elm Disease			X
Ulmus americana	15	3	M	M	P	Dutch Elm Disease			X
Ulmus americana	13,4	4	M	ML	P	Dutch Elm Disease, 2L, V, IB			X
Ulmus americana	14,16,20	6	ML	M	P	Dutch Elm Disease			X
Ulmus americana	16	4	L	L	P	Dead			X
Ulmus americana	13,13	4	ML	M	P	Dutch Elm Disease, 2L			X
Picea pungens	16	3	MH	MH	P				X
Picea pungens	25	4	MH	MH	P				X
Picea pungens	23	4	M	M	P				X
Picea pungens	21	5	M	ML	P	45'LE, straighten			X
Fraxinus pennsylvanica	34	5	L	L	P	Hole, EAB			X
Fraxinus pennsylvanica	14,16	3	L	L	P	EAB			X
Juglans nigra	21	4	MH	H	P				X
Acer negundo	35	8	M	ML	P	15'W			X
Pinus sylvestris	19	3	M	M	P	UB(N)			X
Pinus sylvestris	34	4	M	M	P				X
Pinus sylvestris	29	4	M	M	P	SS, UB(S), TD 25%			X
Pinus sylvestris	18	2	ML	ML	P	SU			X
Pinus sylvestris	29	4	M	M	P	UB(SW)			X
Pinus sylvestris	23	3	M	M	P	sparse canopy			X
Pinus sylvestris	31	4	M	M	P				X
Acer negundo	23	7	M	ML	P	40'W			X
Pinus sylvestris	30	4	ML	ML	P	DB (med), 30% D			X
Tilia americana	16	2	MH	H	P				X
Juglans nigra	17	5	MH	MH	P	2L			X
Tilia americana	32	8	M	M	P	TB			X
Tilia americana	24,25,42	9	ML	ML	P	ML, IB, hole at union, TB (high), top dead on one branch			X
Juglans nigra	15,16,18	5	MH	M	P	ML grafting			X
Picea pungens	54	8	M	M	P				X
Juglans nigra	16	3	MH	MH	P	UBE			X
Salix alba	53	9	ML	ML	P	20'LE, many broken tips, only one leader remaining			X
Tilia americana	21,24	7	M	M	P	2L, IB, V			X
Fraxinus pennsylvanica	31,33	10	L	L	P	2L, IB, EAB			X
Quercus rubra	12,17	5	M	M	P	2L, UB(W)			X
Fraxinus pennsylvanica	15,20	5	L	L	P	Dead			X
Crataegus spp.	8,10,13	5	M	M	P	large dead fallen leader, TB (high)			X
Fraxinus pennsylvanica	25	6	L	L	P	EAB			X
Crataegus spp.	14,18	7	M	M	P	2L, TB (high)			X
Juglans nigra	12,16,17,19	9	MH	M	P	ML, IB			X
Juglans nigra	24	7	H	H	P	(((not surveyed, 5m from 144A)))			X
Crataegus spp.	11,13	4	ML	ML	P	30'LNW, 50% TD base			X
Pinus serotina	36	6	M	M	P	2L, DB (med)			X
Pinus serotina	28	4	M	M	P	DB (large)			X
Crataegus spp.	15	5	M	M	P	10'LT (over slope)			X
Pinus serotina	27	6	ML	ML	P	DB (large), 30% TD			X
Ulmus americana	23	6	M	M	P	Dutch Elm Disease			X
Juglans chinensis	24	3	M	ML	P	DB (large), 50% D			X
Juglans nigra	19	4	H	H	P	DB (small)			X
Ulmus americana	13,15	5	ML	M	P	Dutch Elm Disease, ML			X
Ulmus americana	16	3	ML	M	P	Dutch Elm Disease, V, UBE			X
Fraxinus pennsylvanica	15	3	L	L	P	2L, V, EAB			X
Ulmus americana	16	3	M	M	P	Dutch Elm Disease, V			X
Pinus serotina	35	6	M	ML	P	wound not rot, DB (high), V (heavy)			X
Pinus serotina	25	4	M	M	P	DB (high), wounds on base (rot)			X
Juglans nigra	28	5	MH	M	P				X
Fraxinus pennsylvanica	13,16	6	L	L	P	V, EAB			X
Fraxinus pennsylvanica	9,10,12	5	L	L	P	ML, V, EAB			X
Fraxinus pennsylvanica	12,13	3	L	L	P	V (heavy), EAB			X
Ulmus americana	15	3	L	L	P	ML, V			X
Juglans nigra	12&24,15,16	9	MH	M	P	ML			X
Ulmus americana	15	3	ML	M	P	Dutch Elm Disease, 20'LE			X